

FIG. 3

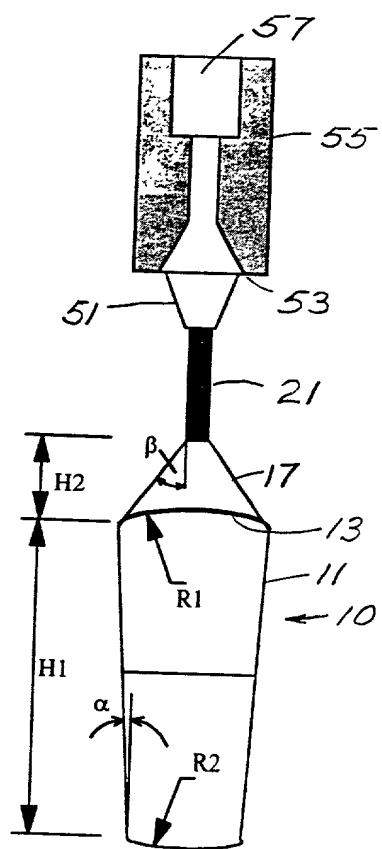


FIG. 4

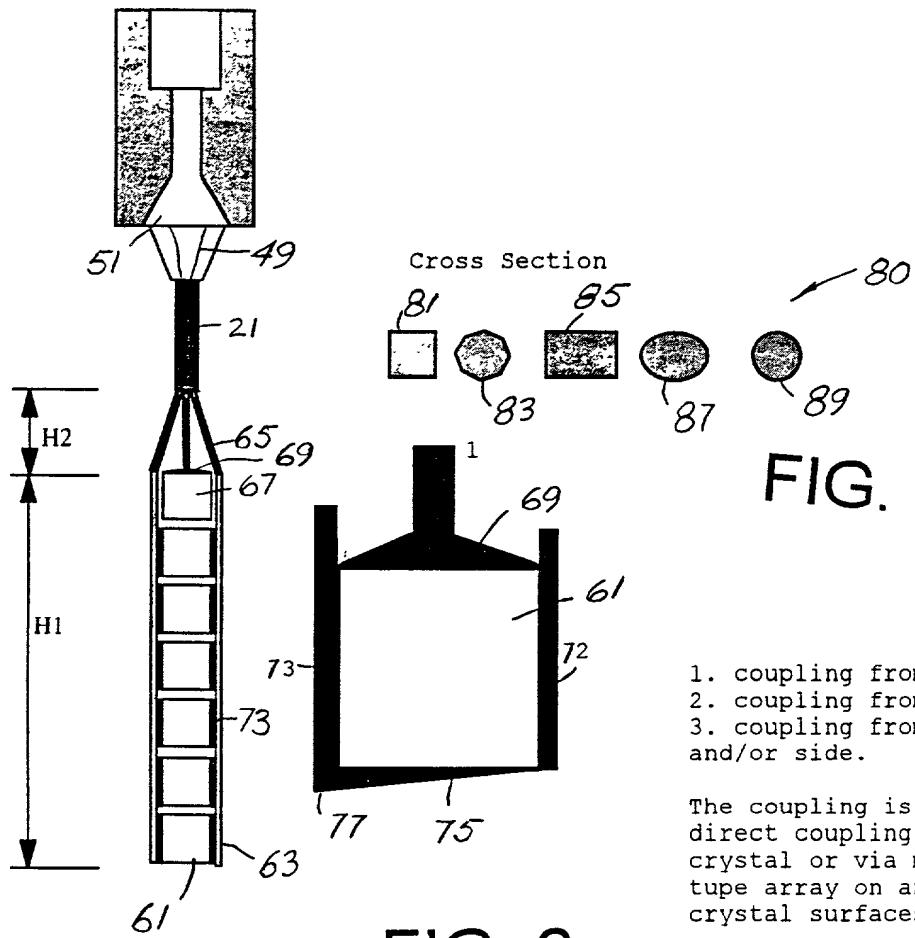


FIG. 6

FIG. 5

FIG. 7

1. coupling from the top
2. coupling from the side
3. coupling from the bottom and/or side.

The coupling is done by direct coupling to the crystal or via microlens tupe array on any of the crystal surfaces.

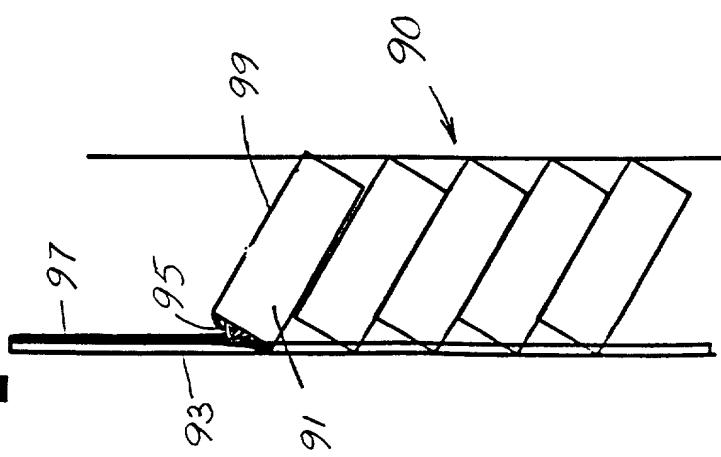
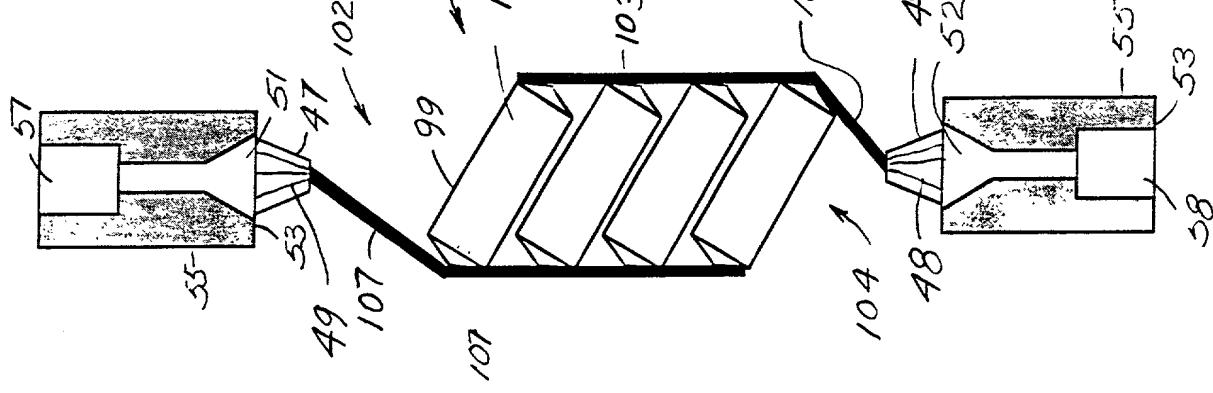
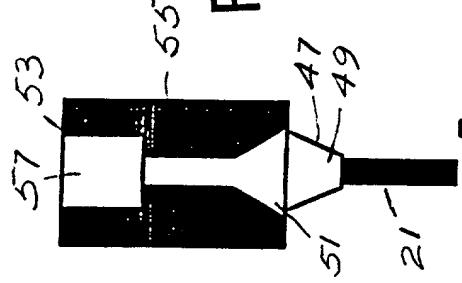


FIG. 11

## Gamma Ray Plate Assembly

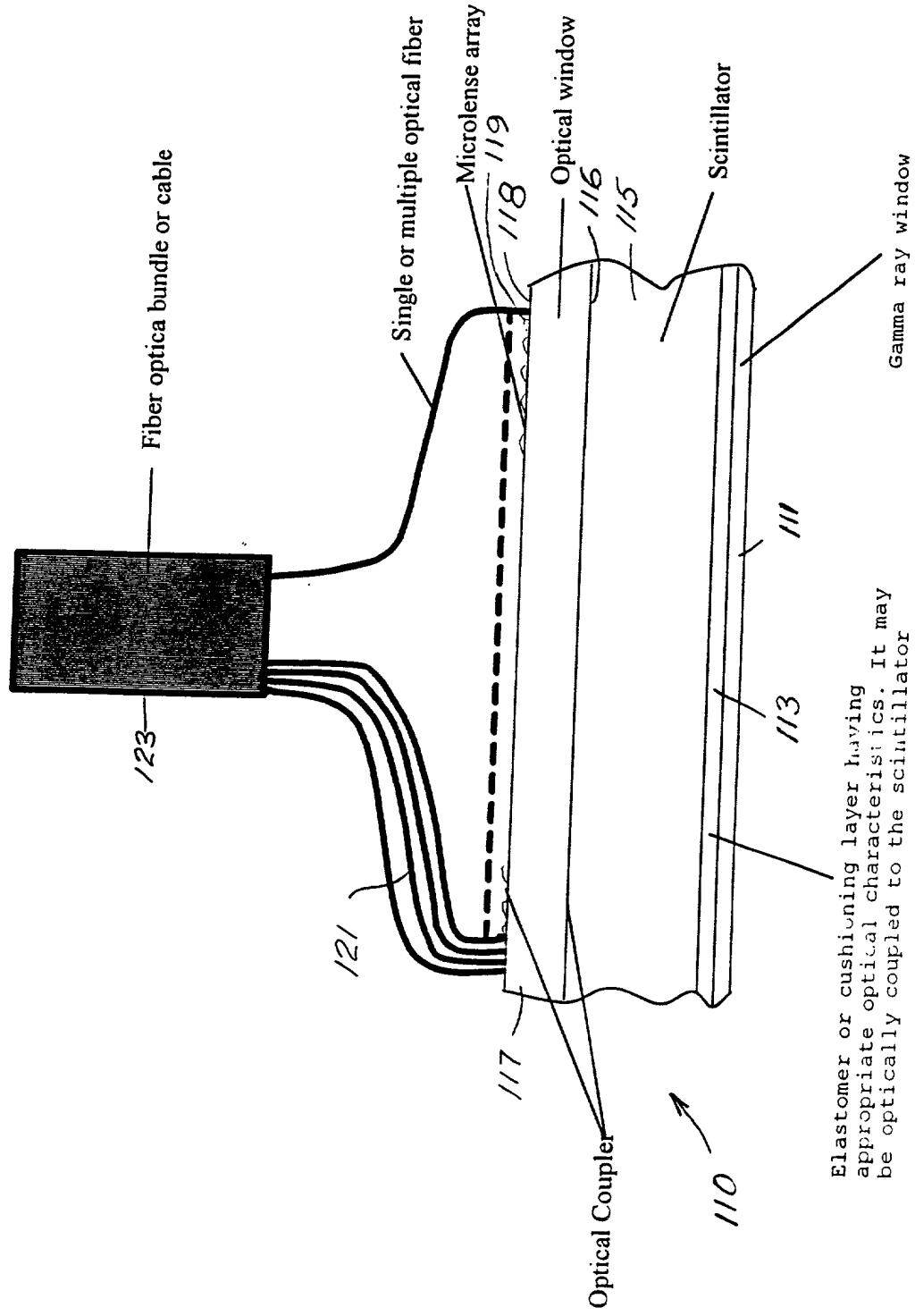
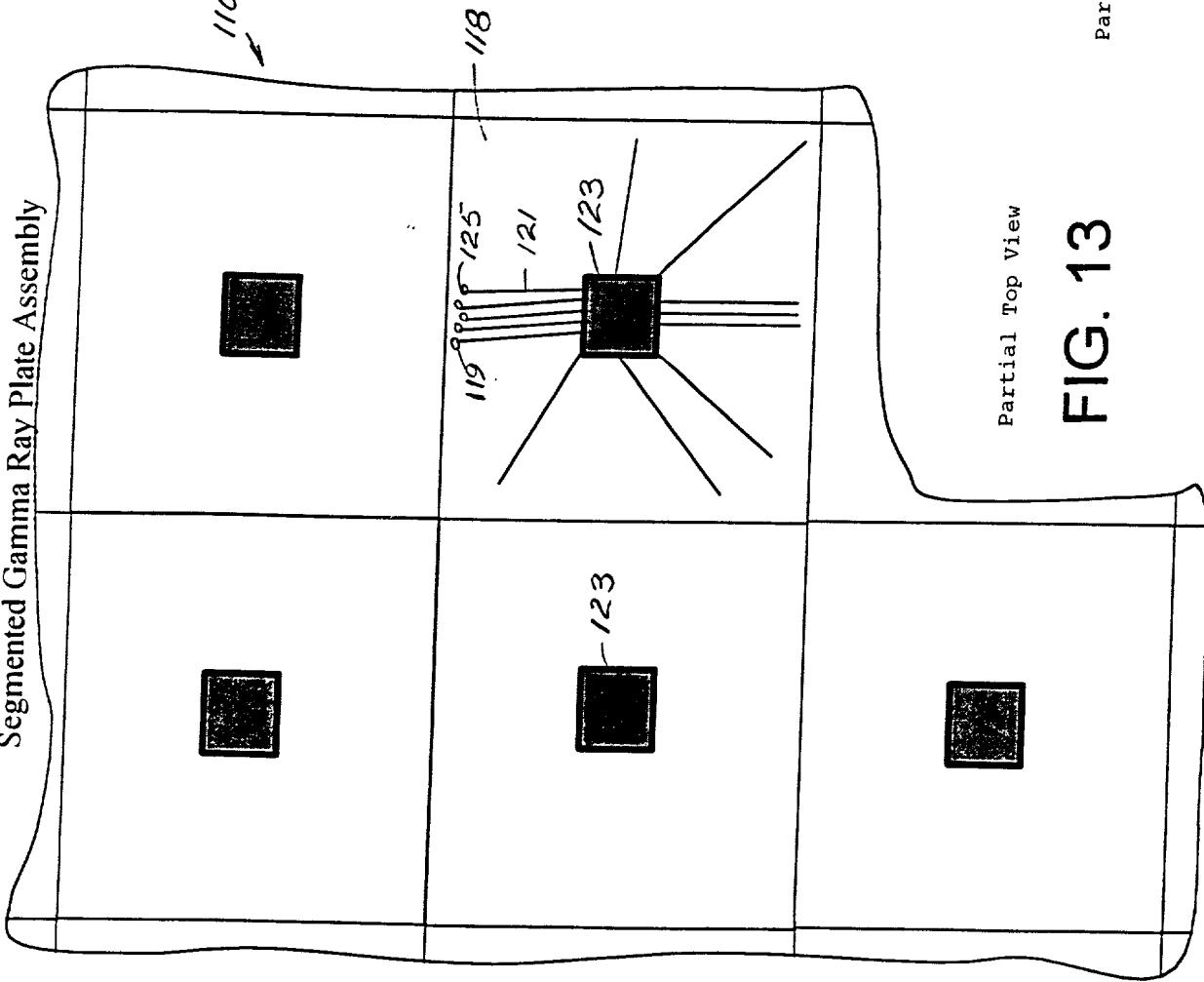


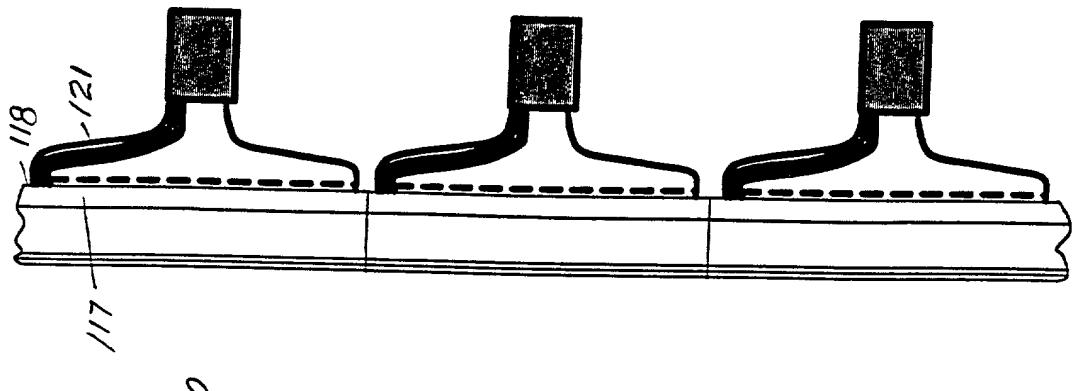
FIG. 12

Segmented Gamma Ray Plate Assembly



Partial Top View

FIG. 13



Partial Cross-sectional View

FIG. 14

Partial top view of a fiber optic connected single plate gamma ray detector

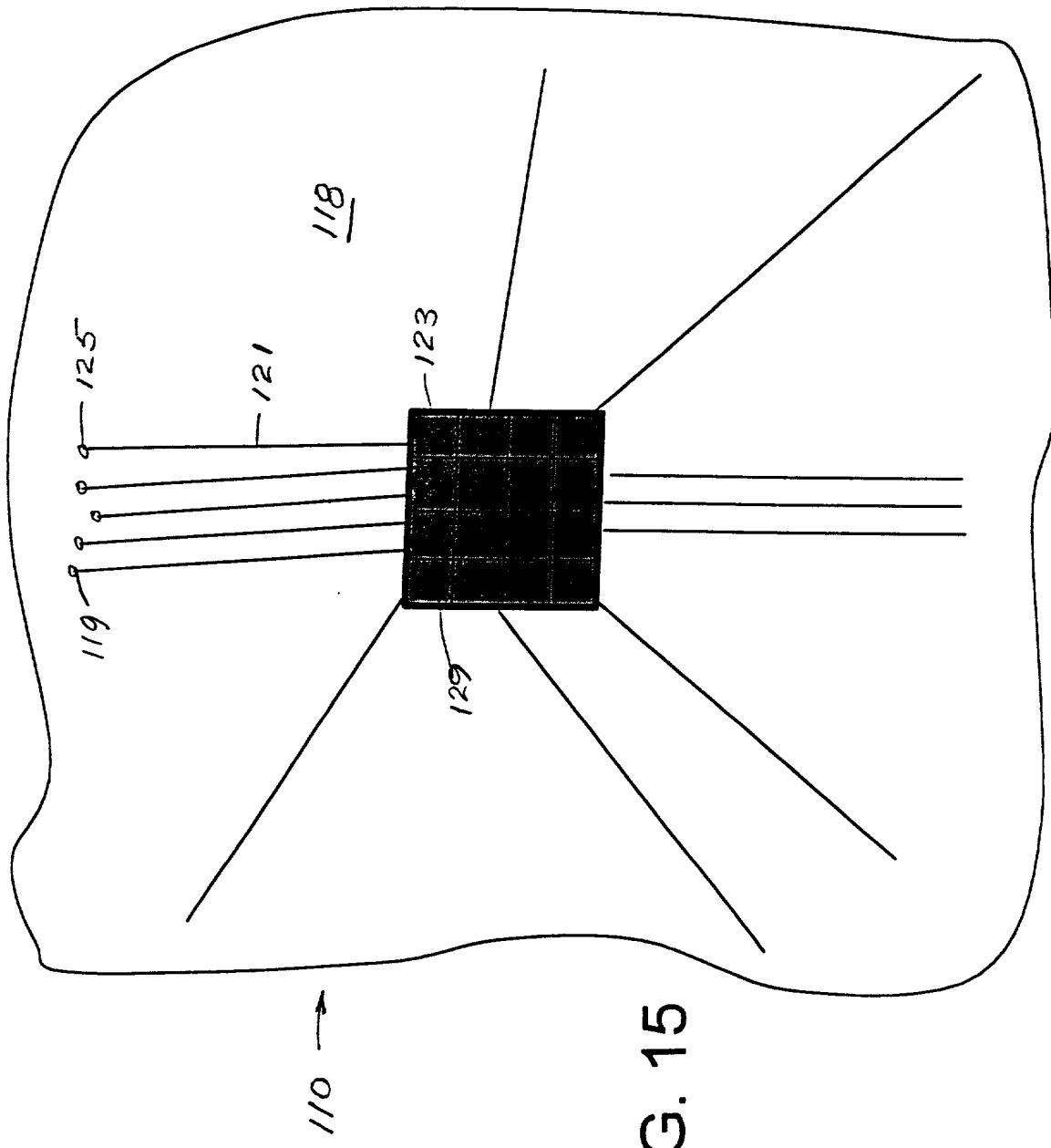


FIG. 15

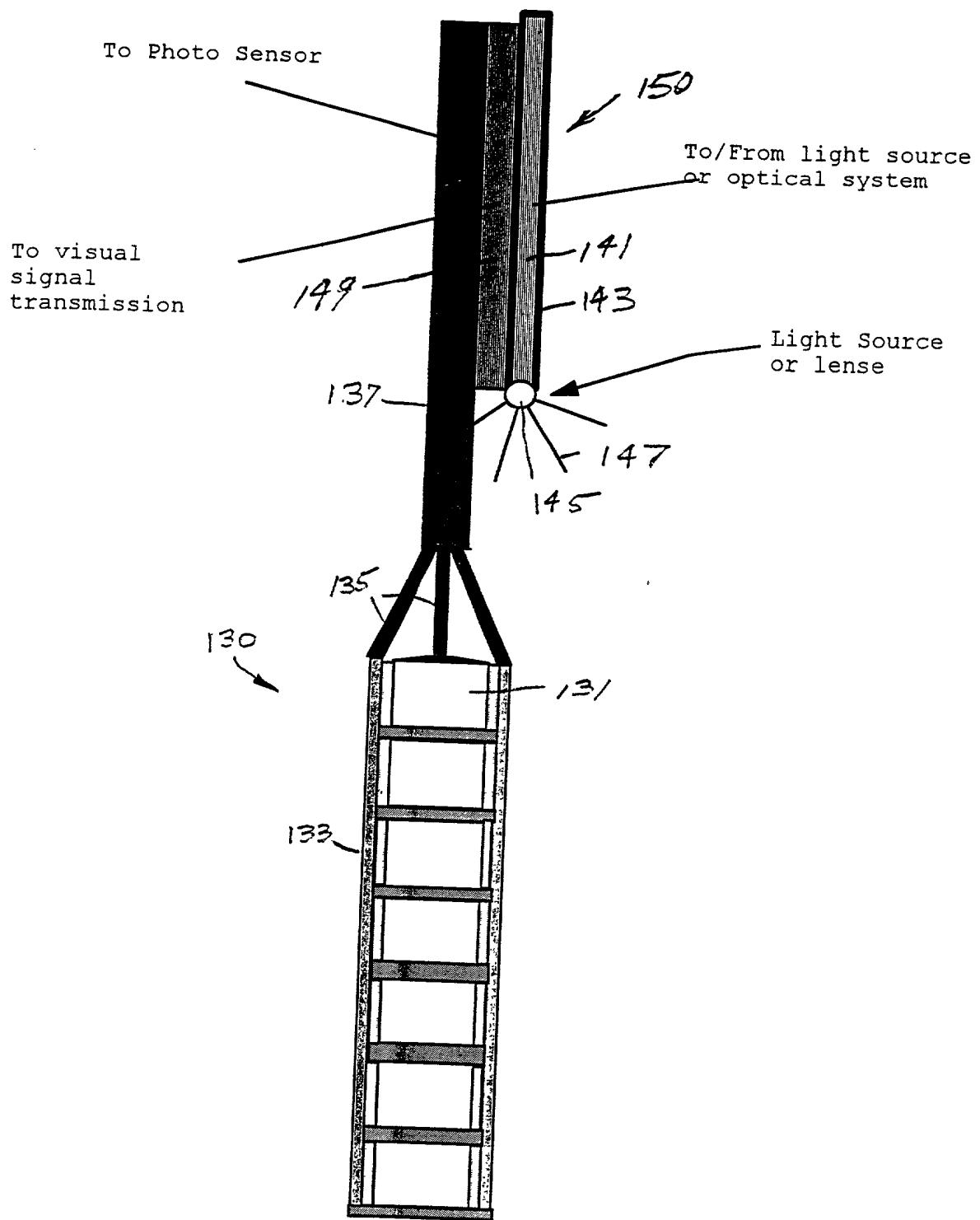


FIG. 16

schematic representation of x-ray or gamma ray inspection unit

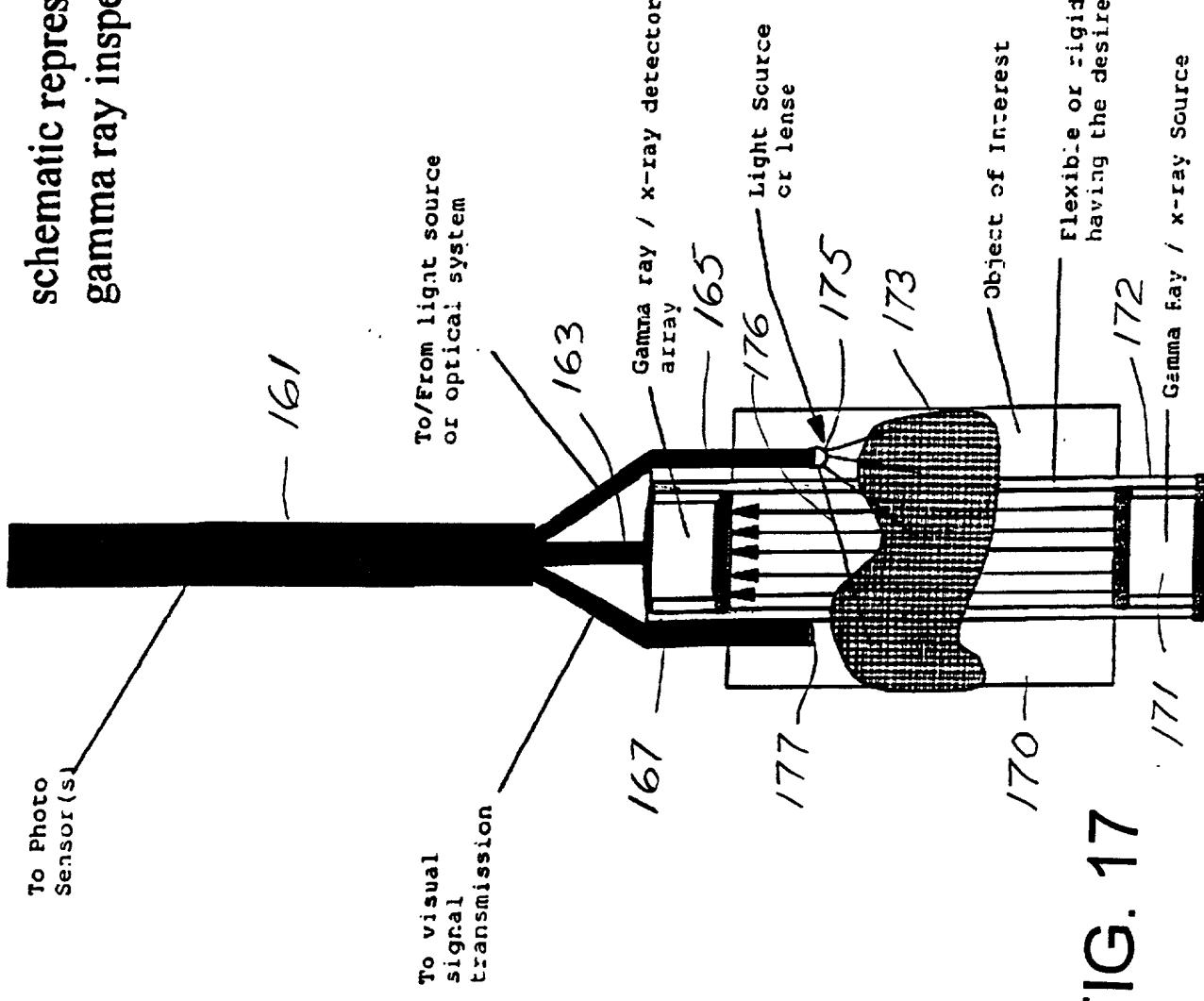


FIG. 17

Schematic of Gamma Camera with Patient Visual Record

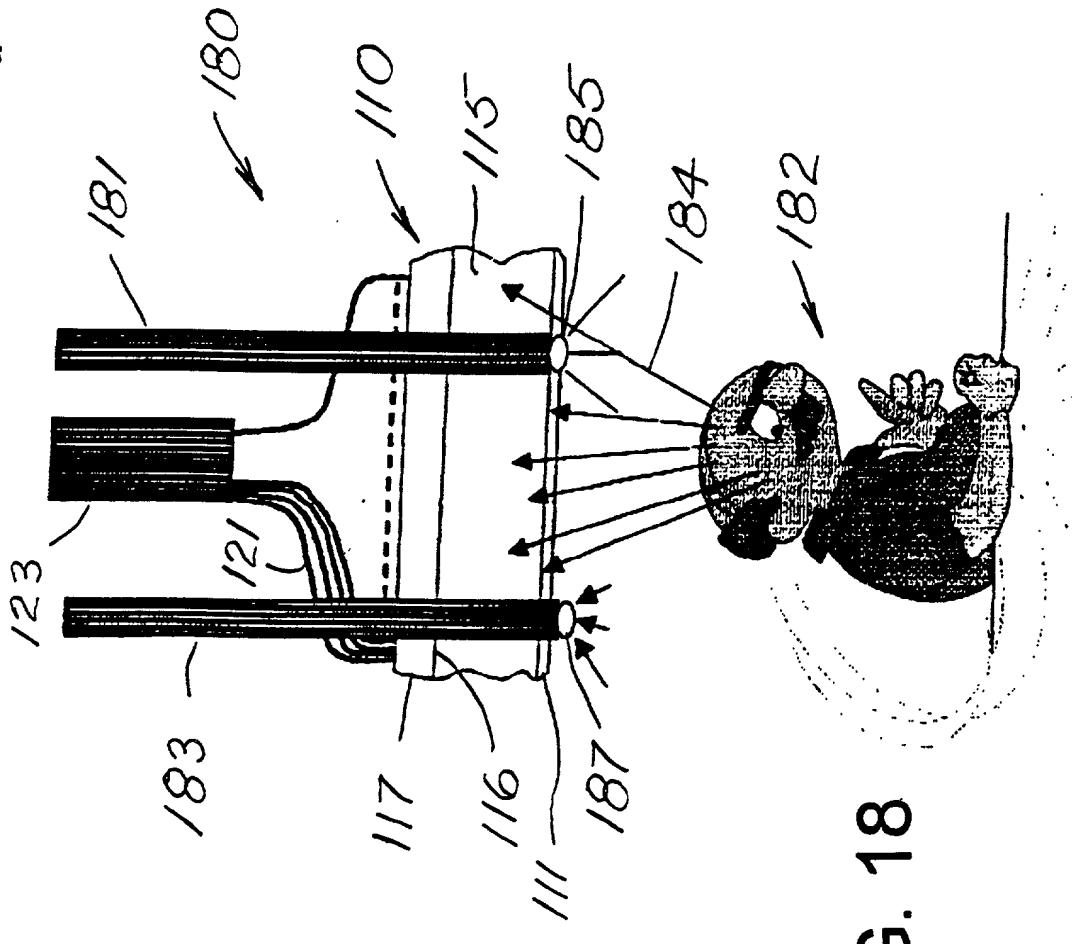


FIG. 18